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SEQUENCE LISTING

(1) GENERAL INFORMATION:

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(i) APPLICANT:

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15 (ii) INVENTOR: Drmanac, Radoje

(iii) TITLE OF INVENTION: Methods and Compositions for
Efficient Nucleic Acid
20 Sequencing

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(iv) NUMBER OF SEQUENCES: 10

25 (v) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Arnold, White & Durkee
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(C) CITY: Houston
(D) STATE: TX
(E) COUNTRY: USA
30 (F) ZIP: 77210-4433

35 (vi) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
35 (D) SOFTWARE: PatentIn Release #1.0, Ver. #1.25

40 (vii) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: FILING HEREWITH
(B) FILING DATE: FILING HEREWITH
(C) CLASSIFICATION:

45 (viii) PRIOR APPLICATIONS DATA:

(A) APPLICATION NUMBER: USSN 08/303,058
(B) FILING DATE: 08 SEPTEMBER 1994 (08.09.94)
(C) CLASSIFICATION: UNKNOWN

(A) APPLICATION NUMBER: USSN 08/127,420
(B) FILING DATE: 27 SEPTEMBER 1993 (27.09.93)
50 (C) CLASSIFICATION: UNKNOWN

55 (ix) ATTORNEY/AGENT INFORMATION:

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(B) REGISTRATION NUMBER: 32,165
(C) REFERENCE/DOCKET NUMBER: ARCD146P--\PAR

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(x) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: (512) 418-3000
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(2) INFORMATION FOR SEQ ID NO:1:

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(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

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(ii) MOLECULE TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

AAAAAAATTTT TT

12

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(2) INFORMATION FOR SEQ ID NO:2:

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(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 13 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

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(ii) MOLECULE TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

AAAAAAATTTT TTC

13

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(2) INFORMATION FOR SEQ ID NO:3:

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(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

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(ii) MOLECULE TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

AAAAATTTTT TA

12

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(2) INFORMATION FOR SEQ ID NO:4:

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(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single

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(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

5 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

AAAAAATTTTT TT

12

10 (2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12 base pairs
- (B) TYPE: nucleic acid
- 15 (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

20 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

AAAAAATTTTT TC

12

25 (2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12 base pairs
- (B) TYPE: nucleic acid
- 30 (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

35 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

AAAAAATTTTT TG

12

40 (2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12 base pairs
- (B) TYPE: nucleic acid
- 45 (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

TAAAAAATTTT TT

12

55 (2) INFORMATION FOR SEQ ID NO:8:

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5 (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

10 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

10 CAAAAAATTTT TT

12

15 (2) INFORMATION FOR SEQ ID NO:9:

15 (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
20 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

25 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

25 GAAAAAATTTT TT

12

30 (2) INFORMATION FOR SEQ ID NO:10:

30 (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 11 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
35 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

40 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

40 AAAAAAATTTT T

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